

Kensington®

READ FIRST!

70 Watt AC/DC Power Adapter for Apple® Notebook User Manual



Congratulations!

The new Kensington 70 Watt AC/DC Power Adapter for your Apple Notebook is a highly efficient power adapter for notebook computers. With the Adapter, you have the flexibility of powering and charging your notebook or digital device from any standard home/office wall outlet, cigarette lighter or airline Empower® outlet.

The Adapter powers and charges both the newest notebooks and older legacy computers. And it is compatible with the following connections:

- Any 100–120 Volt or 200–240 Volt 50/60Hz AC wall outlet.
- 12 Volt, negative-grounded, DC cigarette lighter.
- Airline EmPower outlet

The Adapter delivers the correct amount of power for each notebook or digital device through a patented, interchangeable tip called SmartTip.™ We have included notebook Tips in this package. You may also purchase additional Tips to power and charge other non-Apple digital devices such as cell phones, MP3 music players, DVD players, portable gaming devices, digital cameras, and camcorders, etc. Visit www.kensington.com for more information.

To simultaneously power and charge your notebook and other digital devices use our Dual Charging Cable for Kensington Power Adapter—sold separately. Please read this short manual to learn valuable information about the proper use and installation of your Adapter. Register your new Adapter online at www.kensington.com/register.

Important: Safety Information



Warning: This manual contains important safety and operating instructions for your Adapter. Please read this section carefully to reduce the risk of injury, and pay attention to the following:

- Only use recommended Tips and contents of this package. Otherwise, there is a risk of fire, injury to persons, or damage to personal property.
- This Adapter is suitable only for mobile electronic digital devices. Otherwise, there is a risk of electrical shock or damage to this unit or related products.
- Tips are uniquely designed. If a Tip does not fit in the appropriate socket, this indicates that a mismatch has occurred. Please refer to the Tip compatibility chart at www.kensington.com to select the correct Tip for your notebook or digital device.



Do not force the Tip into your notebook or digital device, it can damage the Adapter and the notebook or digital device.

- Do not open the Adapter or make any attempt to disassemble or modify it. Doing so could result in risk of injury to persons, or damage to property.
- Compatibility between the Adapter and an airline in-seat power system depends upon the airline and the manufacturer's power specifications for your device.

General: Safety Information



Warning: Failure to read and follow the safety instructions in this User Manual before using and installing your Adapter could result in serious or fatal injury or property damage.

- Your Adapter is not a toy. Keep it away from children. Make sure that all persons who operate your Adapter read and follow this User Manual.
- Your Adapter should only be used with Kensington approved accessories. Using your Adapter with non-approved accessories may result in serious or fatal injury or property damage.
- Never use your Adapter with a multi-output cigarette plug splitter or extender cable. These devices can cause your Adapter's cigarette input cable to become very hot and may result in serious or fatal injury or property damage.
- Never attempt to use your Adapter to power any device that requires more than 70 Watts of peak input power.
- Your Adapter is suitable only for use with mobile electronic digital devices. Using your Adapter with other electronic devices may result in serious or fatal injury or property damage.
- To avoid potential property damage, disconnect input power to your Adapter when it is not in use. Do not leave your Adapter or any device operating unattended in a vehicle.
- Your Adapter may become hot during operation. To prevent serious or fatal injury or property damage provide adequate ventilation and refrain from placing items on or around your Adapter during operation.

- In order to disperse the heat generated while operating your Adapter, keep it well ventilated. While in use, maintain several inches around the top and sides of the Adapter. Never operate your Adapter inside a closed or confined space such as a glove compartment, console, or in the airline seat pocket.
- When operating your Adapter, regularly check that the input and output power cables are firmly connected. Loose power cables can generate harmful heat which can damage your Adapter or mobile electronic digital device.
- Avoid operating your Adapter near a heat source, heat vent, or in direct sunlight. Your Adapter should be used in temperatures between 50–80°F.
- Do not operate your Adapter near flammable materials or any locations which can accumulate flammable fumes.
- If you are running your vehicle's engine while stationary to power your mobile electronic digital device that you have connected to your Adapter, do so only in a well ventilated area, away from other enclosed areas. Automotive vehicles emit carbon monoxide which can cause death if the vehicle's engine is running in a garage or enclosed area, or near other enclosed areas.
- Keep your Adapter dry. Do not expose the Adapter to water, rain, or snow; if it gets wet or is exposed to moisture, wipe it dry immediately.
- If damage or wear to any component of your Adapter is observed, do not use your Adapter and never attempt to repair it yourself. Return it to the place of purchase or have it repaired by a qualified technician.
- Do not modify or tamper with your Adapter's external or internal components. Doing so could result in serious or fatal injury or property damage. It may also invalidate your Adapter's warranty.

Features

The Adapter offers many features:

1. One-adapter power solution for your notebook or digital device
2. Compatible with most major notebooks and digital devices
3. Efficient power — providing up to 70W of peak power
4. Safety features include: over voltage, temperature and short circuit protection
5. Compact and lightweight — your mobile power needs in one slim package

Technical Specifications

Input voltage:	120/240 Volts 50/60Hz AC 12 to 16 Volts DC
Output voltage:	0 to 24 Volts DC
Output current:	3.5 Amps maximum
Output power:	Up to 70 Watts
Unit dimensions:	5.6" L x 3.1" W x 0.66" H
Weight:	6 Ounces
AC input cable:	6.75"
DC input cable:	18"
DC power output cable:	10'

Contents

- Adapter
- Apple notebook Tips and iPod Tip
- Adapter input and output cables
- User Manual
- Travel bag

This Adapter has two shorter input cables. One that connects to a cigarette lighter socket and one that connects to an AC outlet. The longer cable connects to your notebook or digital device.

Using your Adapter

Once connected, your battery will automatically charge regardless of whether your notebook or digital device is turned on or off.

NOTE: We recommend that you use the Adapter only with batteries (for your notebook and digital device) that meet or exceed the original manufacturer's specifications.



CAUTION: Like the power adapter that originally came with your notebook, the Adapter may get warm to the touch during use. This is normal. Avoid placing the Adapter in direct sunlight or next to heat sensitive materials.

Selecting the Proper Tip

Make sure you select the correct Tip for your device by reviewing the compatibility list below:

Tip Label

J3 — iPod

N16 — G3 iBooks and PowerBooks or earlier

N23 — G4 iBooks and PowerBooks

Note: Some late G3 models, released shortly before the G4 models, may require Tip N23. Select the Tip that best fits your computer.



WARNING: Choosing the wrong Tip may damage your notebook or digital device or cause it to malfunction.

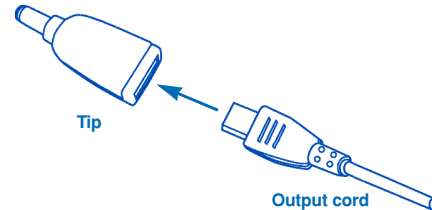
For more information on purchasing additional Tips for your digital devices visit www.kensington.com.



WARNING: Each AC plug only functions correctly with its designated power source. The US plug (110/120V) will work when connected to a 110/120V AC power source; the other plug styles are designed for use with particular 220/240V AC power sources. Using the wrong plug will cause the Adapter to malfunction and may render the plug unusable.

Getting Connected

1. Connect the correct Tip to the Adapter output cord.



2. Insert the Adapter output cord into the device's power socket.
3. Follow the instructions on the following pages to connect to an AC wall outlet, cigarette lighter or an airline Empower outlet.

AC Wall Socket Connection

Use the AC wall socket connection anywhere a 100–120 volt or 200–240 volt 50/60Hz AC power source is available.

1. Connect the Tip to the Adapter output cable and your notebook or digital device, if you haven't done so already
2. Connect the AC wall socket input cable to the Adapter
3. Plug the AC connector into a wall outlet or power strip

When the Adapter has power, its status light glows. Your notebook or digital devices' battery is now charging. Your notebook or digital device is now powered.

Auto Connection

The Adapter's auto connector can be used in any vehicle with a 12V DC cigarette lighter socket, such as a car, truck, boat, or an airplane equipped with this type of power socket. Make sure both the auto connector and the cigarette lighter socket are clean and dry.



CAUTION: To prevent power interruption and any negative effects on the device or its software, don't start your vehicle's engine while the Adapter is connected to the device.



WARNING: Never jump start your vehicle with your Adapter connected to the vehicle's cigarette lighter socket. Many jump start systems use extremely high voltages that can damage your Adapter circuitry.



WARNING: A cigarette lighter could be hot and burn your skin or flammable materials. Allow the lighter to cool completely before storing it.

1. Remove the vehicle's cigarette lighter from its socket.
2. Insert your Adapter's auto connector into the cigarette lighter socket.
3. If power to the cigarette lighter socket is not already on, remove the Adapter from the socket and start the vehicle's engine. Then repeat step 2. The Adapter's status light glows when powered.
4. Connect the appropriate Tip to the Adapter output cable and plug it into your notebook or digital device.

The notebook or digital device's battery will start to charge. Turn on and use your notebook or digital device.

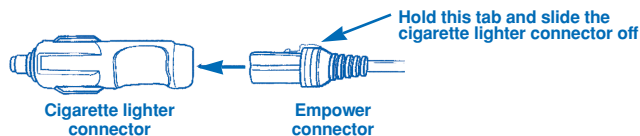
NOTE: Using a dirty cigarette socket or auto connector might cause your vehicle's battery to discharge a lower voltage incapable of powering your Adapter. If your Adapter does not turn on, its status light does not glow, unplug it from the cigarette lighter socket and make sure both the socket and auto connector are clean and dry before reconnecting.

NOTE: When your vehicle's engine is off, most vehicle batteries will provide ample power supply to your Adapter for one to two hours. The actual length of time is a function of several variables which include the age and condition of the vehicle's battery, and the power demand being placed on the vehicle's battery by the notebook or digital device that is being powered.

Air Connection

If the airline that you are traveling on provides a compatible airline in-seat power source you can use your Adapter to power your notebook or digital device.

1. Remove the cigarette lighter connector to reveal the airline Empower connector: hold the tab at the base of the connectors to slide the cigarette lighter connector off.



2. Insert the Adapter's Empower connector into the in-seat power socket, usually found on the arm of your seat or under the seat. The Adapter's status light glows when powered.
3. Connect the appropriate Tip to the Adapter output cable and plug it into the notebook or digital device.

The notebook or digital device's battery will start to charge. Turn on and use your notebook or digital device, per airline guidelines.

Technical Support

Technical support is available to all registered users of Kensington products. There is no charge for technical support except long distance charges where applicable. Technical Support Contact information can be found on the last page of this manual.

Technical Support Tips

- You may find the answer to your problem in the Frequently Asked Questions (FAQ) section of the Support area on the Kensington Website: www.kensington.com.
- Call from a telephone where you have access to your notebook, or other digital device
- Be prepared to provide the following information:
 - Name, address, and telephone number
 - The name of the Kensington product
 - Make and model of your notebook, or other digital device
 - Your system software and version (where applicable)
 - Symptoms of the problem and what led to them

1-Year Limited Warranty

KENSINGTON TECHNOLOGY GROUP (“KENSINGTON”) warrants the PRODUCT 33335 AC/DC Power Adapter for Apple Notebook against defects in material and workmanship under normal use and service for one year from the original date of purchase. KENSINGTON, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service. In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty. This warranty does not cover any damage due to accident, misuse, abuse, or negligence.

DISCLAIMER OF WARRANTY

The limited warranty described herein is your sole remedy. To the extent permitted by law, Kensington disclaims all other implied or express warranties of merchantability and/or fitness for a particular purpose.

LIMITATION OF LIABILITY

Except to the extent of repairing or replacing the Adapter as expressly stated in the limited warranty described herein, Kensington shall not be liable for any damages, whether direct, indirect, incidental, special, and consequential, exemplary, or otherwise, including lost revenues, lost profits, loss of use of software, loss recovery of data, rental of replacement equipment, downtime, damage to property, and third-party claims, arising out of any theory of recovery, including statutory, contract or tort. Notwithstanding the term of any limited or implied warranty, or in the event that any limited warranty fails of its essential purpose, in no event will Kensington's entire liability exceed the purchase price of this product. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province.

Federal Communications Commission Radio Frequency Interference Statement

Note: The Adapter model no. 33335 has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur in a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

MODIFICATIONS: Modifications not expressly approved by Kensington may void the user's authority to operate the device under FCC regulations and must not be made.

SHIELDED CABLES: In order to meet FCC requirements, all connections to equipment using a Kensington input device should be made using only the shielded cable provided.

Declaration of Conformity Compliance Statement for the Adapter

The Adapter model no. 33335 complies with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference, and, (2) this device must accept any interference received, including interference that may cause undesired operation. As defined in Section 2.909 of the FCC Rules, the responsible party for this device is Kensington Technology Group, 333 Twin Dolphin Drive, Sixth Floor, Redwood Shores, CA 94065, USA, (800) 535-4242.

Contacting Kensington

Troubleshooting information and answers to frequently asked questions are available 24 hours a day on the Kensington Website at www.support.kensington.com.

Support by Telephone

Technical Support is available by telephone.
Please visit www.kensington.com for hours.

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